

INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS

The *Installation, Maintenance, and Repair* major occupation group has over 97 percent of its employment in middle-skill occupations. The top three occupations with the most projected annual openings in this group are *General Maintenance and Repair Workers*, *Automotive Service Technicians and Mechanics*, and *First-Line Supervisors of Mechanics, Installers, and Repairers*. These three occupations combined are projected to have over 5,700 total job openings each year through 2030.

Top Middle-Skill Installation, Maintenance, and Repair Occupations by Total Openings

Occupations	2020 Estimated Employment	2030 Projected Employment	Annual Openings		2020 Mean Wage
			Growth	Total	
Maintenance & Repair Workers, General	30,735	33,049	231	3,216	\$41,940
Automotive Service Technicians & Mechanics	17,138	17,315	18	1,699	\$44,010
First-Line Supervisors of Mechanics, Installers, & Repairers	8,161	8,738	58	806	\$65,980
Heating, AC, & Refrigeration Mechanics & Installers	6,160	6,850	69	680	\$48,390
Bus and Truck Mechanics & Diesel Engine Specialists	6,256	6,775	52	643	\$49,140
Industrial Machinery Mechanics	5,459	6,693	123	638	\$55,480
Mobile Heavy Equipment Mechanics, Except Engines	4,643	4,350	71	460	\$54,080
Automotive Body & Related Repairers	3,831	4,095	26	388	\$47,910
Telecommunications Equipment Installers & Repairers	3,610	3,516	-9	388	\$58,320
Telecommunications Line Installers & Repairers	2,516	3,492	-2	372	\$59,550

Installation, Maintenance and Repair occupations are found in many industries, with 12.8 percent of employment being found in the *Retail Trade* industry. The relatively even distribution of employment across industries of this major occupational group shows that *Installation, Maintenance, and Repair* occupations are in demand in a wide range of organizations.

Skill requirements for occupations can be divided into *common skills* and *specialized skills*. Common skills are applicable across many different industries and occupations and are also known as “soft” skills. The top common skills for *Installation, Maintenance and Repair occupations* include *Communications* and *Customer Service*. Specialized skills are more specific to an occupation and are also known as “technical” or “hard” skills. The top specialized skills for *Installation, Maintenance and Repair occupations* include *HVAC* and *Plumbing*.

Certifications can be useful when pursuing an *Installation, Maintenance and Repair* occupation. Some certifications, such as an *Automotive Service Excellence Certification*, are more specialized to a narrow range of jobs, while other certifications, such as a *commercial driver’s license*, are generally applicable to a variety of jobs.

Top Skills

Top Common Skills	Top Specialized Skills
Communications	HVAC
Customer Service	Plumbing
Troubleshooting	Preventative Maintenance
Management	Hand Tools
Operations	Painting

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Top Certifications

Valid Driver’s License
Automotive Service Excellence (ASE) Certification
Commercial Driver’s License (CDL)
HVAC Certification
CDL Class A License

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